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maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 02/23/2011 Certificate of Mailing or Transmission THE WEBB LAW FIRM, P.C. I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. 700 KOPPERS BUILDING 436 SEVENTH AVENUE PITTSBURGH, PA 15219 Diane Paull (Depositor's name) Miane faull (Signature) April 2011 (Date) APPLICATION NO. FILING DATE FIRST NAMED INVENTOR ATTORNEY DOCKET NO. CONFIRMATION NO. 10/589,274 04/11/2008 Jin Ho Song 1455-062312 5731 TITLE OF INVENTION: PASSIVE COOLING AND ARRESTING DEVICE FOR MOLTEN CORE MATERIAL PUBLICATION FEE DUE APPLN, TYPE SMALL ENTITY ISSUE FEE DUE PREV. PAID ISSUE FEE TOTAL FEE(S) DUE DATE DUE \$1510 05/23/2011 nonprovisional \$300 \$1810 EXAMINER ART UNIT CLASS-SUBCLASS PALABRICA, RICARDO J 376-280000 3663 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). 2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is ☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE; (CITY and STATE OR COUNTRY) Korea Atomic Energy Research Institute Daejeon, KR Korea Hydro & Nuclear Power Co, Ltd. Seoul, KR Please check the appropriate assignee category or categories (will not be printed on the patent) : 🔲 Individual 🖼 Corporation or other private group entity 🚨 Government 4a, The following fee(s) are submitted: 4b. Payment of Fec(s): (Please first reapply any previously paid issue fee shown above) Issue Fee A check is enclosed. Publication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 230650 (enclose an extra copy of this form). Advance Order - # of Copies 5. Change in Entity Status (from status indicated above) ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office. April 18, 2011 Authorized Signature Kent E. Baldauf 25826 Typed or printed name\_ Registration No.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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